PRINCE EDWARD ISLAND ENVIRONMENTAL SCIENCE 12 · FINAL EXAM

Final Exam — Practice Test

Prince Edward Island Environmental Science 12 • 50 questions

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A population of 400 grows by 25 percent in one year. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A recycling program recovers 300 of 1000 kilograms of paper. The percent recovered is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Environmental ethics asks how humans**

A ought to treat the natural world

B can use resources fastest

C must avoid nature

D should ignore future generations

Understand It with Pulse | Flag a mistake

4 **A country has 100000 births and 60000 deaths in a year. The natural increase is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A solar panel produces 300 watts for 5 hours. The energy in watt hours is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6

A primary consumer

A eats primary consumers

B makes its own food

C decomposes dead matter only

D eats producers

Understand It with Pulse | Flag a mistake

7

Acid rain forms when sulfur and nitrogen oxides react with

A sunlight only

B water in the atmosphere

C soil only

D ocean salt

Understand It with Pulse | Flag a mistake

8 **Intergenerational equity means future generations should have**

A access to comparable resources and a healthy environment

B no access to resources

C more resources than today

D only protected areas

Understand It with Pulse | Flag a mistake

9 **Logistic growth slows as population approaches**

A infinity

B the birth rate

C carrying capacity

D zero

Understand It with Pulse | Flag a mistake

10 **Sustainable use of a forest means harvesting at a rate**

A without replanting

B no greater than regrowth

C greater than regrowth

D as fast as possible

Understand It with Pulse | Flag a mistake

11 **A food web shows**

A one food chain only

B energy loss only

C population sizes only

D many linked food chains

Understand It with Pulse | Flag a mistake

12 **Deforestation reduces**

A greenhouse gases

B carbon storage and habitat

C rainfall always

D soil erosion only

Understand It with Pulse | Flag a mistake

13 **Environmental justice concerns fair distribution of**

A environmental benefits and burdens

B wealth only

C land only

D jobs only

Understand It with Pulse | Flag a mistake

14 **Density dependent factors include**

A natural disasters only

B seasons only

C disease and competition

D weather only

Understand It with Pulse | Flag a mistake

15 **Soil conservation practices include crop rotation and**

A monoculture only

B cover crops

C clear cutting

D overgrazing

Understand It with Pulse | Flag a mistake

16 **A meadow has 300 plants and 30 herbivores. The herbivore to plant ratio as a percent is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **A school recycles 600 of 1500 kilograms of waste. The percent recycled is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A council votes 12 to 8 in favour of a park. The percent in favour is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A town of 5000 grows by 4 percent in one year. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A forest grows 500 m³ per year and 400 m³ are harvested. The net growth in m³ is**

ANSWER _____

Understand It with Pulse | Flag a mistake

21 **A lake has 1000 fish. If 10 percent are predators, the predator count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

22 **A city with 10000 households recycles in 70 percent of them. The recycling household count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

23 **In a survey of 80 farmers, 60 use soil conservation practices. The percent using them is**

ANSWER _____

Understand It with Pulse | Flag a mistake

24 **A population of 1200 falls by 10 percent. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

25 **A farm uses 6000 litres of water per day and saves 25 percent. The litres saved per day are**

ANSWER _____

Understand It with Pulse | Flag a mistake

26 **A population of 900 grows by 10 percent in one year. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

27 **A recycling program recovers 450 of 1500 kilograms of paper. The percent recovered is**

ANSWER _____

Understand It with Pulse | Flag a mistake

28 **A council votes 18 to 12 in favour of a park. The percent in favour is**

ANSWER _____

Understand It with Pulse | Flag a mistake

29 **A population doubles every 30 years. Starting at 200, after 60 years the population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

30 **A solar panel produces 400 watts for 6 hours. The energy in watt hours is**

ANSWER _____

Understand It with Pulse | Flag a mistake

31 **A population of 200 grows by 50 percent in one year. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

32 **A recycling program recovers 250 of 1000 kilograms of glass. The percent recovered is**

ANSWER _____

Understand It with Pulse | Flag a mistake

33 **A world view shapes how a person**

A interprets environmental issues

B measures temperature

C counts species

D builds models only

Understand It with Pulse | Flag a mistake

34 **A country has 80000 births and 50000 deaths in a year. The natural increase is**

ANSWER _____

Understand It with Pulse | Flag a mistake

35 **A solar panel produces 200 watts for 4 hours. The energy in watt hours is**

ANSWER

Understand It with Pulse | Flag a mistake

36 **A predator prey relationship benefits the predator and**

A benefits the prey

B harms both always

C helps both always

D harms the prey individual

Understand It with Pulse | Flag a mistake

37 **Ozone depletion in the stratosphere was linked mainly to**

A methane only

B nitrogen only

C chlorofluorocarbons

D carbon dioxide only

Understand It with Pulse | Flag a mistake

38 **In a survey of 600 people, 480 support a trail. The percent supporting is**

ANSWER _____

Understand It with Pulse | Flag a mistake

39 **The demographic transition describes changes in birth and death rates as a society**

A develops

B shrinks

C migrates

D ages only

Understand It with Pulse | Flag a mistake

40 **Groundwater is replenished by**

A desalination only

B infiltration of precipitation

C evaporation only

D pumping

Understand It with Pulse | Flag a mistake

41 **If 25 percent of 400 seeds germinate, the seedling count is**

ANSWER _____

Understand It with Pulse | Flag a mistake

42 **A program plants 300 trees per year for 5 years. The total trees planted are**

ANSWER _____

Understand It with Pulse | Flag a mistake

43 **In a survey of 400 residents, 300 support solar energy. The percent supporting is**

ANSWER _____

Understand It with Pulse | Flag a mistake

44 **A population of 600 doubles every 15 years. After 30 years the population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

45 **A household cuts electricity use from 1200 to 900 kilowatt hours per month. The percent reduction is**

ANSWER _____

Understand It with Pulse | Flag a mistake

46 **A population of 700 falls by 20 percent. The new population is**

ANSWER _____

Understand It with Pulse | Flag a mistake

47 **Energy use falls from 3000 kilowatt hours to 2400 kilowatt hours. The percent fall is**

ANSWER _____

Understand It with Pulse | Flag a mistake

48 **A council votes 21 to 14 in favour of a reserve. The percent in favour is**

ANSWER _____

Understand It with Pulse | Flag a mistake

49 **A country has 60000 births and 40000 deaths in a year. The natural increase is**

ANSWER

Understand It with Pulse | Flag a mistake

50 **A solar panel produces 300 watts for 3 hours. The energy in watt hours is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 500
2. 30
3. A
4. 40000
5. 1500
6. D
7. B
8. A
9. C
10. B
11. D
12. B
13. A
14. C
15. B
16. 10
17. 40
18. 60
19. 5200
20. 100
21. 100
22. 7000
23. 75
24. 1080
25. 1500
26. 990
27. 30
28. 60
29. 800
30. 2400
31. 300
32. 25
33. A
34. 30000
35. 800
36. D
37. C
38. 80
39. A
40. B
41. 100
42. 1500
43. 75
44. 2400
45. 25
46. 560
47. 20
48. 60
49. 20000
50. 900

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